

Title (en)  
COMPRESSION-FREE AND SINGLE-BEAM GENERATION OF A CARRIER-ENVELOPE PHASE-STABLE OPTICAL PULSE

Title (de)  
KOMPRESSIONSFREIE UND EINZELSTRAHLERZEUGUNG EINES TRÄGERHÜLLENPHASENSTABILEN OPTISCHEN IMPULSES

Title (fr)  
GÉNÉRATION DE FAISCEAUX INDIVIDUELS ET SANS COMPRESSION D'UNE IMPULSION OPTIQUE À PHASE STABLE D'ENVELOPPE DE SUPPORT

Publication  
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Application  
**EP 19306254 A 20191001**

Priority  
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Abstract (en)  
The present invention is notably directed to methods and systems for generating a CEP-stable optical pulse of optical carrier frequency  $f_{i</sub>sub>p</sub> and pulse duration  $T_{p</sub>sub>}. A birefringent medium, a non nonlinear medium, a dispersive optical system, a parametric device (DFG) are successively used to achieve the generation.$$

IPC 8 full level  
**G02F 1/35** (2006.01); **G02F 1/39** (2006.01); **H01S 3/00** (2006.01)

CPC (source: CN EP US)  
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Citation (applicant)  

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